

Karolinska Institutet

has a vacancy for

**Postdoctoral position in Clinical neuroscience and neuroimaging  
with focus on studies of cerebral changes related to chronic psychosocial stress**

**Department**

Department of Clinical Neuroscience

**Description of research group and project**

The Ivanka Savic group is a member of the Stockholm Brain Institute (SBI), a center at the Karolinska Institute for cognitive and computational neuroscience ([www.stockholmbrain.se](http://www.stockholmbrain.se)). The centre has a widespread expertise in neuroimaging methods including fMRI, DTI and PET

Description of the project:

Cognitive and emotional decline related to chronic stress is a recognized phenomenon, yet the underlying mechanisms are not clear. We are applying several brain imaging techniques, including PET, to investigate how the human brain is affected by psychosocial stress, and explain the reported emotional and cognitive decline related to stress. The aim is to find biochemical markers of chronic psychosocial stress and develop new treatment strategies.

**Duties and responsibilities**

To actively participate in the design, data acquisition and analysis of the studies. To write and publish papers. Active participation in internal and external meetings and symposia with own contributions. To apply for grants within the scope of on going and own-initiated studies.

**Eligibility/Qualifications**

The successful applicant is a highly talented, innovative and enthusiastic researcher, with a PhD in the field of human brain and behavior, with focus on brain imaging. The ideal candidate for the postdoctoral position will have expertise in the acquisition and analysis of MRI (VBM, DTI, fMRI) and good programming skills. Applicants with no imaging experience but with a strong track-record in cognitive neuroscience or neurology/psychiatry are also encouraged to apply. Applicants should be able to demonstrate a consistently outstanding academic record, including publications in international journals.

To qualify, the applicant must hold a doctor's degree or a foreign qualification deemed equivalent to a doctorate. Applicants who have completed their degree no more than three years before the last date for applications should be given priority. Candidates who have completed their degree earlier than this should receive equal priority if special grounds exist.

Postgraduates who have yet to graduate may apply if their public defense is scheduled to take place within three months after the application deadline, in which case verification from the Dissertation Committee or equivalent body must be submitted with the application.

**Form of employment:**

Temporary (1+1 years)

**Notes**

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**Please send your application**, marked with reference number 04384/2011, **to reach us by no later than September 30 2011** to [KI jobb](#) or,

to Karolinska Institutet, Institutionen för klinisk neurovetenskap, Att: Rebecca Wadell, Administrationen Z5:00, 171 76 STOCKHOLM. The following documents must be submitted with your application, and written in English or Swedish:

1. A full CV, including date of public defense, title of thesis, previous academic appointments, academic title, current position, academic distinctions and committee work
2. A full publication list
3. A brief outline of your current work (max. one page)
4. Certificates testifying to sickness, service in the total defense, positions of trust in trade union organizations and student organizations, parental leave or similar circumstances
5. Verification from the Dissertation Committee or equivalent body (only if you are planning to defend your thesis within three months after the application deadline)

Department of Clinical Neuroscience (CNS) conducts research and education in the field of neuroscience from the molecular level to the society level. The clinical research and education is conducted in collaboration with other research groups from the Karolinska Institutet, with other universities as well as the Stockholm County Council.

Karolinska Institutet is one of the world's leading medical universities. Its mission is to contribute to the improvement of human health through research and education. Karolinska Institutet accounts for over 40 per cent of the medical academic research conducted in Sweden and offers the country's broadest range of education in medicine and health sciences. Since 1901 the Nobel Assembly at Karolinska Institutet has selected the Nobel laureates in Physiology or Medicine.



[jobb.ki.se](http://jobb.ki.se)